

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023804.D
 Acq On : 20 Aug 2016 6:32
 Operator : UM/SJ
 Sample : H4496-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHPS5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.467	103	107	111	rVB2	21475	30986	1.07%	0.086%
2	4.007	197	199	202	rBV4	4377	4949	0.17%	0.014%
3	4.125	216	219	221	rBV4	6645	6934	0.24%	0.019%
4	4.430	269	271	275	rVB4	4248	5037	0.17%	0.014%
5	5.534	456	459	461	rVB3	5042	5617	0.19%	0.016%
6	5.564	461	464	467	rBV4	4181	6371	0.22%	0.018%
7	5.699	486	487	492	rVB5	4094	4374	0.15%	0.012%
8	6.145	561	563	567	rBV4	5188	6681	0.23%	0.019%
9	6.480	617	620	626	rBV5	4439	7185	0.25%	0.020%
10	7.250	744	751	766	rBV	472747	903434	31.17%	2.509%
11	7.408	772	778	787	rVB	384818	636924	21.98%	1.769%
12	7.508	792	795	799	rBV5	7297	6254	0.22%	0.017%
13	7.620	808	814	825	rVB	448520	817189	28.20%	2.270%
14	8.096	886	895	904	rBV	433392	771429	26.62%	2.142%
15	8.442	951	954	957	rBV3	4069	5442	0.19%	0.015%
16	8.495	960	963	965	rBV3	3843	4252	0.15%	0.012%
17	8.695	996	997	1002	rBV2	2936	4666	0.16%	0.013%
18	8.812	1010	1017	1026	rBV	558103	1003938	34.64%	2.788%
19	8.965	1040	1043	1047	rVB3	4807	5308	0.18%	0.015%
20	9.106	1065	1067	1070	rBV3	4428	5103	0.18%	0.014%
21	9.270	1086	1095	1111	rBV	449461	830554	28.66%	2.307%
22	9.411	1114	1119	1120	rBV4	4294	5902	0.20%	0.016%
23	9.646	1155	1159	1165	rVB6	6291	10030	0.35%	0.028%
24	10.005	1212	1220	1232	rBV	393368	729285	25.16%	2.025%
25	10.440	1293	1294	1298	rVB2	6028	4098	0.14%	0.011%
26	10.557	1306	1314	1331	rBV	506153	1052791	36.33%	2.924%
27	10.927	1369	1377	1385	rBV	618603	1099831	37.95%	3.055%
28	11.068	1392	1401	1413	rBV	427123	880537	30.38%	2.446%
29	12.425	1628	1632	1635	rBV5	4263	5319	0.18%	0.015%
30	12.519	1644	1648	1656	rVB4	9814	17863	0.62%	0.050%
31	12.907	1710	1714	1716	rVB3	4020	4850	0.17%	0.013%
32	12.936	1716	1719	1723	rBV3	3112	4774	0.16%	0.013%
33	13.106	1744	1748	1751	rBV2	4554	7543	0.26%	0.021%
34	13.359	1787	1791	1795	rBV4	7185	8390	0.29%	0.023%

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35	13.559	1822	1825	1830	rVB3	5476	8145	0.28%	0.023%
36	13.635	1835	1838	1844	rVV6	10211	14855	0.51%	0.041%
37	13.712	1848	1851	1852	rBV2	4950	5400	0.19%	0.015%
38	13.729	1852	1854	1860	rVB6	5248	7035	0.24%	0.020%
39	14.093	1912	1916	1917	rVB4	3527	4310	0.15%	0.012%
40	14.164	1920	1928	1932	rBV	1062645	1572388	54.26%	4.367%
41	14.211	1932	1936	1946	rVB	832349	1165007	40.20%	3.236%
42	14.334	1953	1957	1960	rBV5	5292	7735	0.27%	0.021%
43	14.463	1971	1979	1986	rBV	1062100	1764156	60.87%	4.900%
44	14.634	2002	2008	2013	rVB5	20097	33717	1.16%	0.094%
45	14.710	2019	2021	2023	rVB2	6667	5536	0.19%	0.015%
46	14.769	2023	2031	2038	rBV2	922458	1514391	52.25%	4.206%
47	14.822	2038	2040	2044	rVB4	4940	6111	0.21%	0.017%
48	14.933	2055	2059	2060	rBV3	4367	4159	0.14%	0.012%
49	14.992	2063	2069	2082	rBV	241666	583392	20.13%	1.620%
50	15.186	2098	2102	2105	rBV5	8740	14589	0.50%	0.041%
51	15.257	2111	2114	2115	rVB3	6482	5021	0.17%	0.014%
52	15.433	2142	2144	2148	rBV4	5250	8615	0.30%	0.024%
53	15.591	2166	2171	2177	rVB3	39872	53770	1.86%	0.149%
54	15.650	2177	2181	2184	rVB4	7581	8537	0.29%	0.024%
55	15.768	2194	2201	2210	rBV	1434372	2274189	78.47%	6.316%
56	15.897	2216	2223	2231	rBV	400798	653321	22.54%	1.814%
57	16.003	2238	2241	2245	rVB4	24547	32760	1.13%	0.091%
58	16.396	2305	2308	2309	rBV3	9671	10275	0.35%	0.029%
59	16.455	2314	2318	2325	rVV	44798	72607	2.51%	0.202%
60	16.731	2361	2365	2369	rVB6	7489	9482	0.33%	0.026%
61	16.801	2373	2377	2384	rVV5	20276	34986	1.21%	0.097%
62	17.031	2414	2416	2420	rBV5	5243	5976	0.21%	0.017%
63	17.172	2436	2440	2442	rBV5	5173	6585	0.23%	0.018%
64	17.254	2450	2454	2458	rVB3	23581	29435	1.02%	0.082%
65	17.313	2458	2464	2465	rBV6	10520	15837	0.55%	0.044%
66	17.412	2478	2481	2487	rVB5	24842	37302	1.29%	0.104%
67	17.477	2487	2492	2493	rBV5	5447	6264	0.22%	0.017%
68	17.530	2494	2501	2510	rVV	1193733	1837041	63.39%	5.102%
69	17.630	2512	2518	2525	rVB	1586928	2409881	83.15%	6.693%
70	17.900	2559	2564	2569	rBV8	17073	38349	1.32%	0.107%
71	17.994	2578	2580	2584	rVB5	8263	7690	0.27%	0.021%

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72	18.270	2626	2627	2629	rBV2	5754	5040	0.17%	0.014%
73	18.399	2645	2649	2656	rBV	124327	171986	5.93%	0.478%
74	18.675	2694	2696	2699	rBV4	6449	9045	0.31%	0.025%
75	19.081	2763	2765	2767	rBV3	6297	6306	0.22%	0.018%
76	19.128	2771	2773	2774	rBV2	7400	6704	0.23%	0.019%
77	19.557	2842	2846	2854	rVB2	22050	32460	1.12%	0.090%
78	19.627	2856	2858	2860	rBV3	13444	9398	0.32%	0.026%
79	19.674	2862	2866	2870	rVV4	32604	46448	1.60%	0.129%
80	19.809	2886	2889	2892	rBV2	19897	23346	0.81%	0.065%
81	19.921	2900	2908	2914	rBV	2077510	2898129	100.00%	8.049%
82	20.420	2987	2993	2996	rBV	64650	87326	3.01%	0.243%
83	21.442	3162	3167	3182	rBV	353271	618012	21.32%	1.716%
84	21.842	3229	3235	3245	rVB	1231499	2164691	74.69%	6.012%
85	22.177	3288	3292	3298	rBV2	98197	169104	5.83%	0.470%
86	22.635	3365	3370	3376	rBV	478352	776147	26.78%	2.156%
87	23.727	3552	3556	3562	rVB6	93450	164760	5.69%	0.458%
88	24.197	3631	3636	3643	rVB3	183410	362857	12.52%	1.008%
89	24.990	3761	3771	3785	rVB2	887738	2597093	89.61%	7.213%
90	25.225	3801	3811	3822	rVB3	678718	2018475	69.65%	5.606%
91	25.748	3893	3900	3909	rVB4	236543	666093	22.98%	1.850%

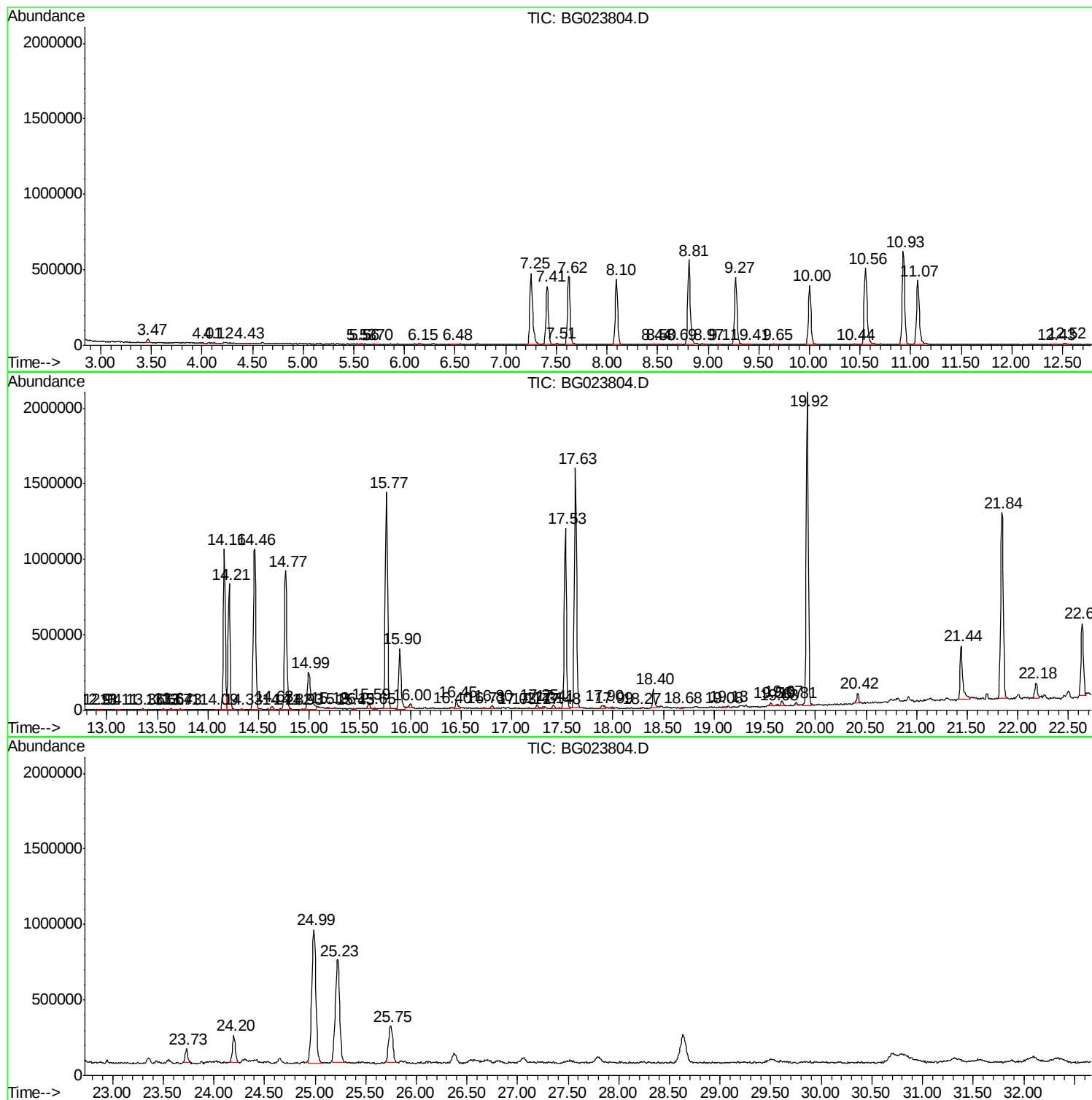
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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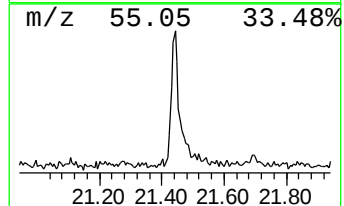
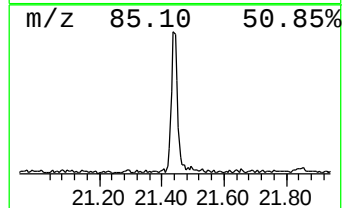
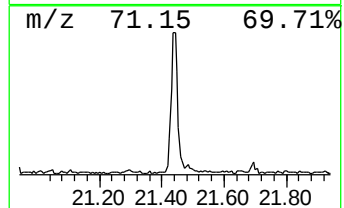
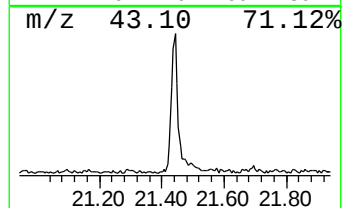
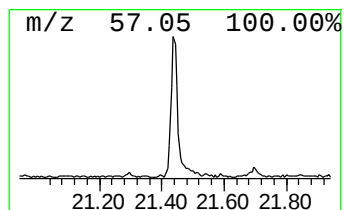
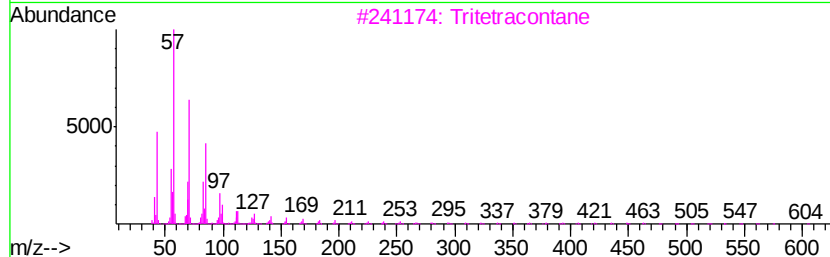
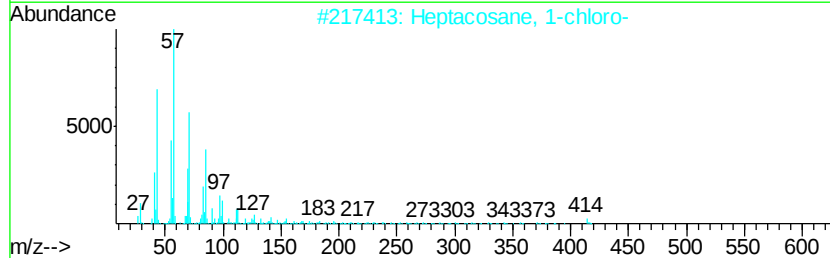
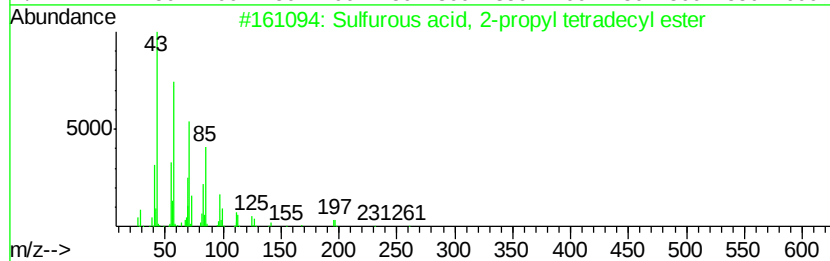
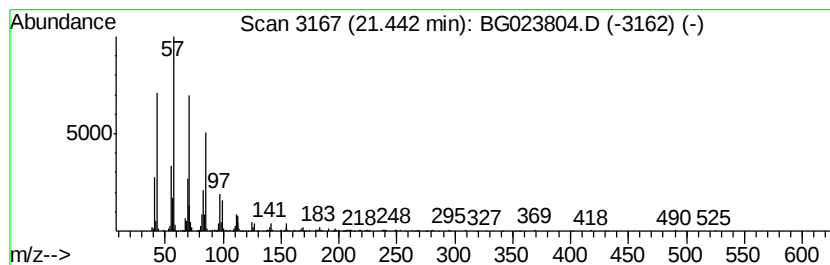
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfurous acid, 2-propyl te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.44	5.71 ng/ul	618012	Chrysene-d12	21.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetradecyl...	320	C17H36O3S	1000309-12-5	87
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
3	Tritetracontane	605	C43H88	007098-21-7	87
4	Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	87
5	Tetratetracontane	619	C44H90	007098-22-8	87



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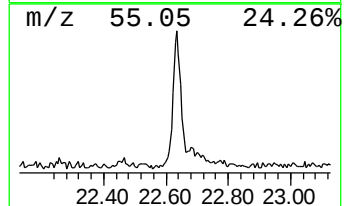
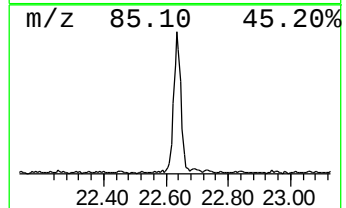
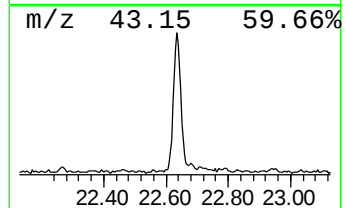
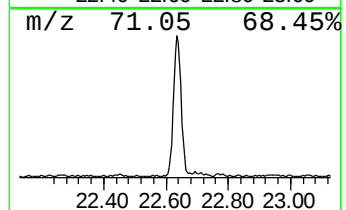
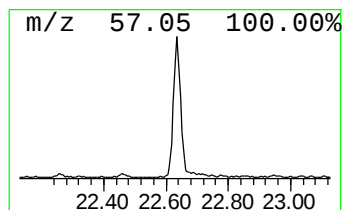
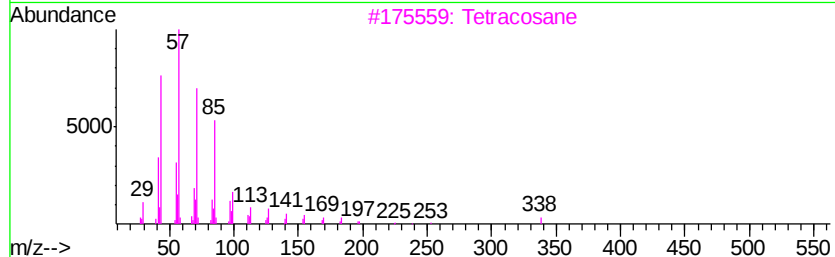
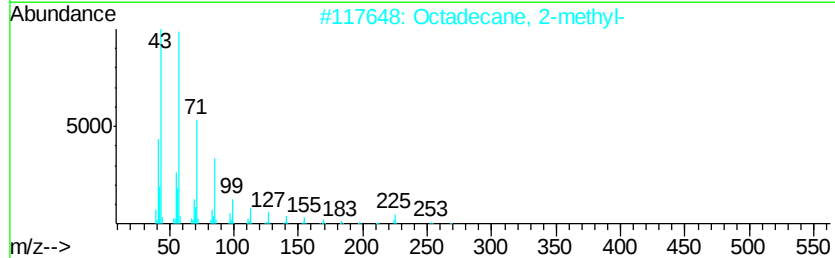
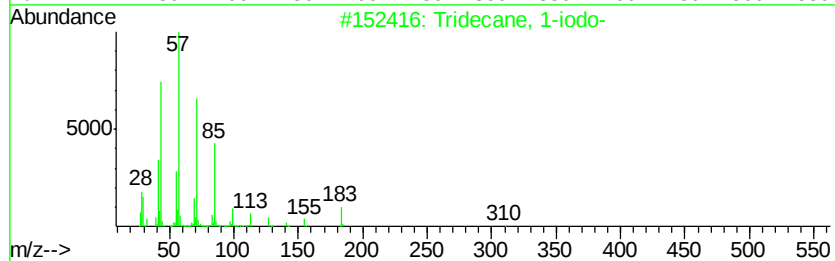
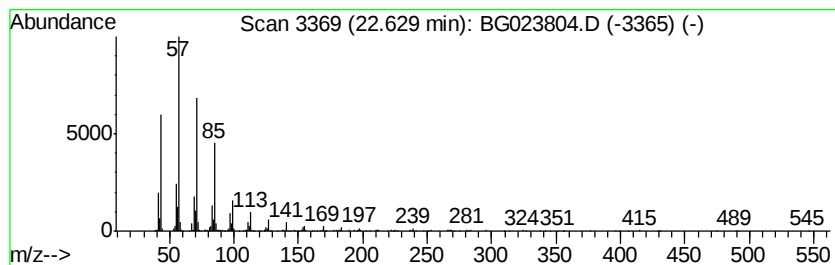
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	7.17 ng/ul	776147	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
3		Tetracosane	338	C24H50	000646-31-1	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Octacosane	394	C28H58	000630-02-4	76



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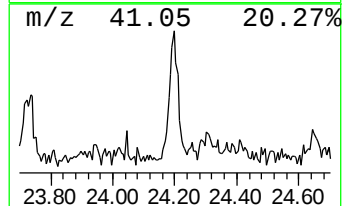
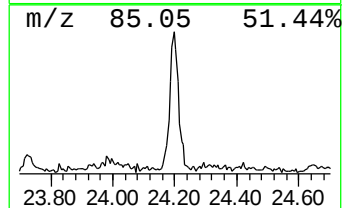
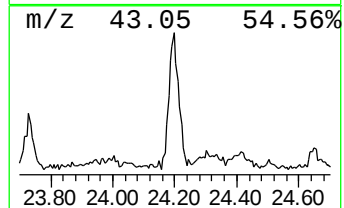
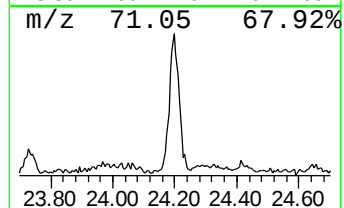
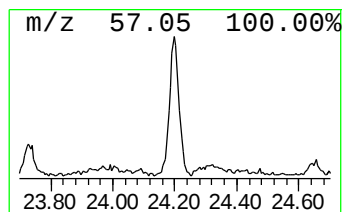
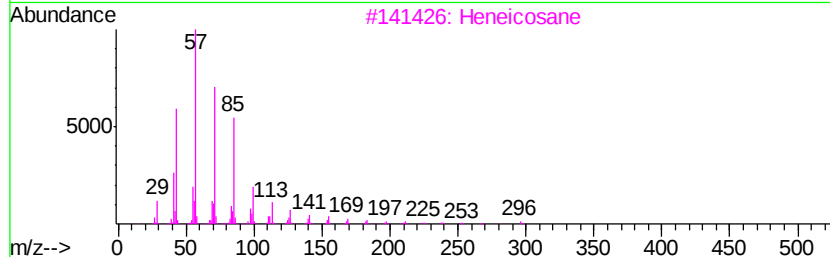
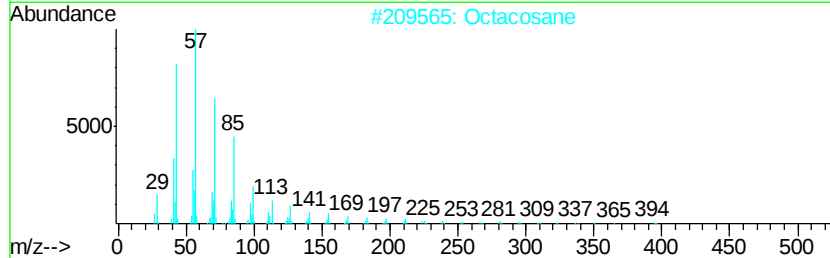
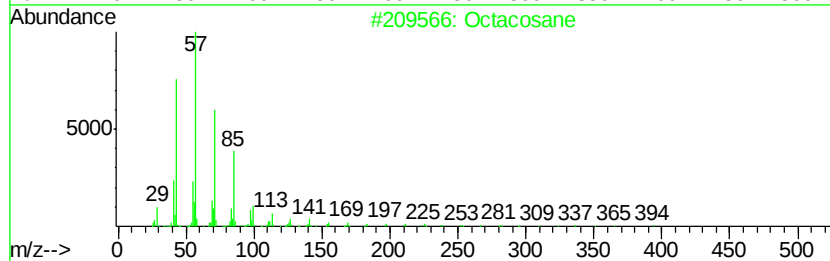
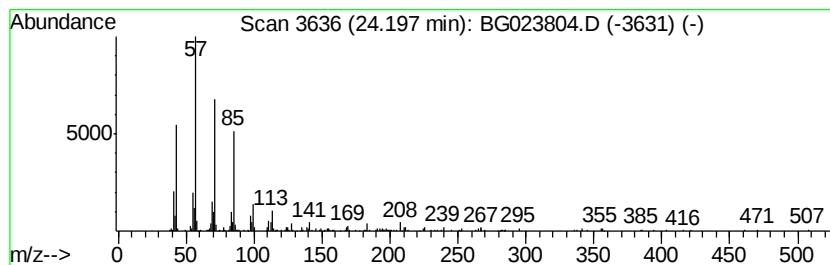
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	3.60 ng/ul	362857	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	94
2		Octacosane	394	C28H58	000630-02-4	89
3		Heneicosane	296	C21H44	000629-94-7	83
4		Nonadecane	268	C19H40	000629-92-5	83
5		Eicosane	282	C20H42	000112-95-8	83



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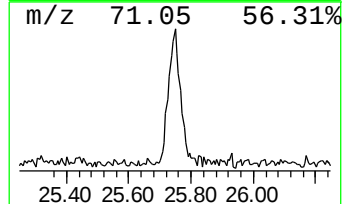
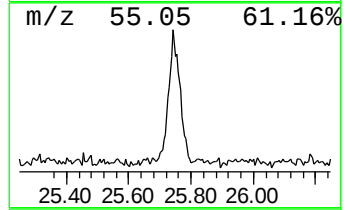
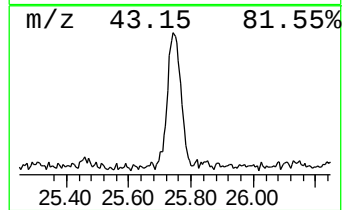
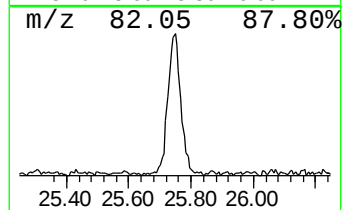
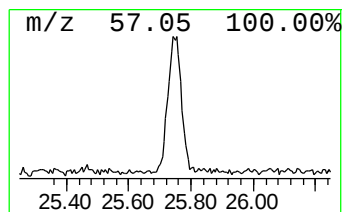
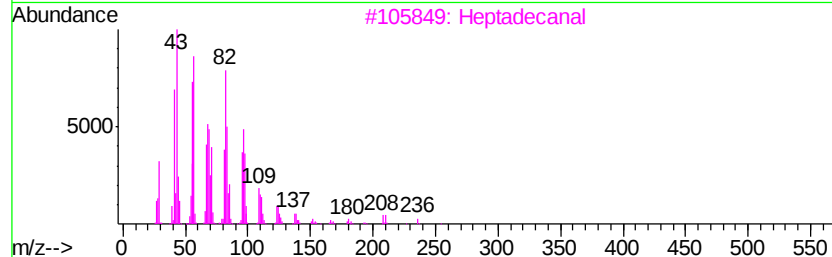
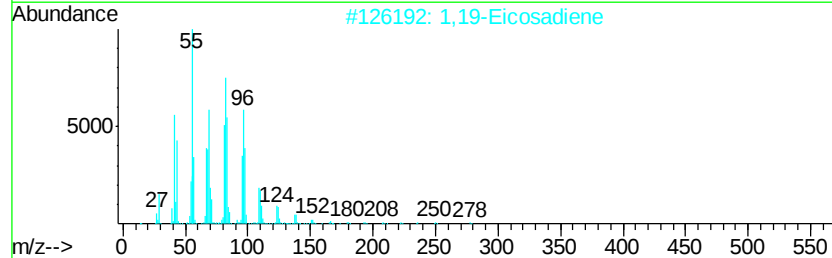
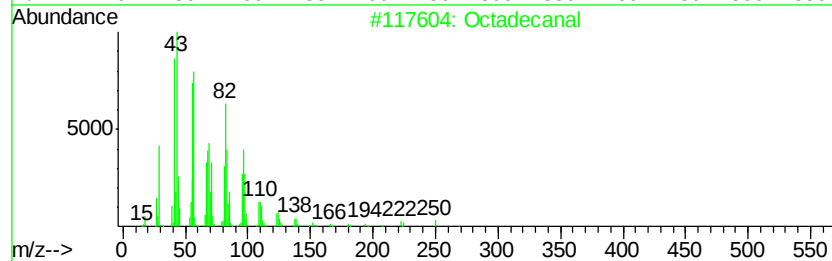
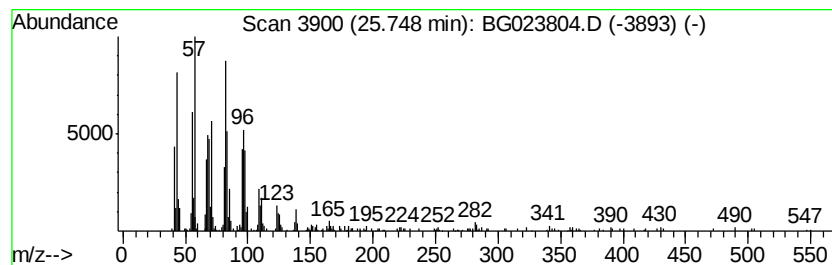
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.75	6.60 ng/ul	666093	Perylene-d12	25.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	94
2			1,19-Eicosadiene	278	C20H38	014811-95-1	93
3			Heptadecanal	254	C17H34O	1000376-70-0	90
4			11-Tetradecyn-1-ol acetate	252	C16H28O2	033925-72-3	90
5			Octadecanal	268	C18H36O	000638-66-4	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
Data File : BG023804.D
Acq On : 20 Aug 2016 6:32
Operator : UM/SJ
Sample : H4496-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHPS5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid, 2...	21.44	5.7	ng/ul	618012	5	21.84	2164690	20.0
Tridecane, 1-iodo-	22.63	7.2	ng/ul	776147	5	21.84	2164690	20.0
(DEL) Alkane: Str...	24.20	3.6	ng/ul	362857	6	25.23	2018480	20.0
Octadecanal	25.75	6.6	ng/ul	666093	6	25.23	2018480	20.0